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10 February 2004

## INTELLECTUAL PROPERTY LAW

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US PTO 19270 0/774592 O 021004

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**Mail Stop: Patent Application**  
 Commissioner for Patents  
 Alexandria, VA 22313-1450

Attorney Docket: P56959

Sir:

Submitted herewith is the following patent application:

**Inventor:** 1) IL-SEUK CHAE**Title:** METHOD FOR AUTOMATICALLY TRACING INTERFACE  
FOR EXCHANGE AND ACCESS NETWORK

Please find attached hereto an application for patent which includes: Specification and Abstract, Claims, original Declaration And Power of Attorney, Assignment, and a certified copy of the foreign priority document identified below:

Verified Showing of Small Entity Status: NO

Drawings: Formal drawings, 11 sheets, Figures 1 through 5

Claim of priority under 35 U.S.C. §119: YES

\*\* The Republic Of Korea Application No. 2003-9913 filed on 17 February 2003.

**FEE (see formula below): CHECKS ARE ENCLOSED (#\*\*\*\*\* & #\*\*\*\*\*)****Basic Fee \$385/770 . . . . . \$770.00****Additional Fees:**Total number of claims in excess of 20: \_\_\_\_ times \$9/18 . . . . . \$0.00Number of independent claims in excess of 3: 1 times \$43/86 . . . . . \$86.00Multiple Dependent Claims \$145/290 . . . . . \$0.00An Assignment is likewise enclosed: Recording Fee \$40 . . . . . \$40.00Filing Non-English specification . . . . . \$0.00**TOTAL FEES FOR THE ABOVE APPLICATION . . . . . \$896.00**

Commissioner for Patents  
10 February 2004  
Page Two

Docket No.: P56959

**Inventor:** 1) IL-SEUK CHAE

**Title:** **METHOD FOR AUTOMATICALLY TRACING INTERFACE  
FOR EXCHANGE AND ACCESS NETWORK**

Assistant Commissioner is authorized to charge our Deposit Account No. 02-4943 for any additional charges necessary towards payment of the filing fee for the above-referenced application. Please notify the undersigned attorney of any transaction regarding our Deposit Account.

In view of the above, it is requested that this application be accorded a filing date pursuant to 37 CFR 1.53(b).

Please address all correspondence to:

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Respectfully submitted,

  
\_\_\_\_\_  
Robert E. Bushnell  
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U.S.P.T.O.

**FEES TRANSMITTAL**

Patent fees are subject to annual revision.

C mplete If Known	
Application Number	To be Assigned
Filing Date	10 February 2004
First Named Inventor	IL-SEUK CHAE
Examiner Name	To be Assigned
Group/Art Unit	To be Assigned

TOTAL AMOUNT OF PAYMENT

(\$ 896.00)

Attorney Docket No.

P56959

## METHOD OF PAYMENT (check one)

1.  The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:Deposit Account Number: 02-4943  
Deposit Account Number: \_\_\_\_\_ Charge Any Additional Fee Required Under 37 C.F.R. §1.16 and 1.17. Applicant claims small entity status. See 37 CFR 1.272.  Payment Enclosed:

(CHECK #45290 &amp; #45291)

 Check  Credit Card  Money Order  Other

## FEE CALCULATION (continued)

## 3. ADDITIONAL FEES

Large Entity	Small Entity
Fee Code (\$)	Fee Code (\$)
1051 130	2051 65
Charge Any Additional Fee Required Under 37 C.F.R. §1.16 and 1.17.	Surcharge-late filing fee or oath
1052 50	2052 25
Applicant claims small entity status. See 37 CFR 1.27	Surcharge-late provisional filing fee or cover sheet
1053 130	1053 130
Non-English specification	\$
1812 2,520	1812 2,520
For filing a request for reexamination	\$
1804 920*	1804 920*
Requesting publication of SIR prior to Examiner action	\$
1805 1,840*	1805 1,840*
Requesting publication of SIR after Examiner action	\$
1251 110	2251 55
Extension for reply within first month	\$
1252 420	2252 210
Extension for reply within second month	\$
1253 950	2253 475
Extension for reply within third month	\$
1254 1,480	2254 740
Extension for reply within fourth month	\$
1255 2,010	2255 1,005
Extension for reply within fifth month	\$
1401 330	2401 165
Notice of Appeal	\$
1402 330	2402 165
Filing a brief in support of an appeal	\$
1403 290	2403 145
Request for oral hearing	\$
1451 1,510	1451 1,510
Petition to institute a public use proceeding	\$
1452 110	2452 55
Petition to revive - unavoidable	\$
1453 1,330	2453 665
Petition to revive - unintentional	\$
1501 1,330	2501 665
Utility issue fee (or reissue)	\$
1502 480	2502 240
Design issue fee	\$
1503 640	2503 320
Plant issue fee	\$
1460 130	1460 130
Petitions to the Commissioner	\$
1807 50	1807 50
Processing fee for provisional applications	\$
1806 180	1806 180
Submission of Information Disclosure Statement	\$
8021 40	8021 40
Recording each patent assignment per property (Times number of properties)	\$40.00
1809 770	2809 385
Filing a submission after final rejection (37 C.F.R. §1.129(a))	\$
1810 770	2810 385
For each additional invention to be examined (37 C.F.R. §1.129(b))	\$
1801 770	2801 385
Request for Continued Examination (RCE)	\$
Other Fee (specify) _____	\$
Other Fee (specify) _____	\$

SUBTOTAL (1) (\$ 770.00)

## 2. EXTRA CLAIM FEES

	Extra Claims	Fee from below	Fee Paid
Total claims 20	-20** =	x	=
Independent 4	- 3** =	1	=
Claims		\$86.00	\$86.00
Multiple Dependent			=

\*\* or number previously paid, if greater; For Reissues, see below

## Large Entity Small Entity

Fee Code (\$)	Fee Code (\$)	Fee Description
1201 86	2201 43	Independent claims in excess of 3
1202 18	2202 9	Claims in excess of 20
1203 290	2203 145	Multiple dependent claim, if not paid
1204 86	2204 43	** Reissue independent claims over original patent
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$ 86.00)

\*\* Reduced by Basic Filing Fee Paid

SUBTOTAL (3) \$40.00

## SUBMITTED BY

## C mplete (if applicable)

Typed or Printed Name

Robert E. Bushnell, Esq.

Reg. Number

27,774

Signature

Date

10 February 2004

Deposit Acc unt

User ID

REB/sb

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